

LISTING OF THE CLAIMS

1-18. (cancelled)

19. (previously presented) A composition ~~comprising~~ consisting essentially of:

- a thermoplastic fluorinated resin X1 or several compatible thermoplastic resins X1 to Xn, wherein at least one of X1 to Xn is fluorinated, and
- at least one block (sequential) copolymer,
- n being an integer equal to or greater than 1,

wherein:

- the block copolymer comprises at least three blocks A, B, and C, wherein each block is either a homopolymer or a copolymer obtained from two or more monomers, the A block is connected to the B block and the B block is connected to the C block by means of a covalent bond or of an intermediate molecule connected to one of these blocks via a covalent bond and to another block via another covalent bond,
- the A block is compatible with the thermoplastic resin or resins X1 to Xn,
- the B block is incompatible with the thermoplastic resin or resins X1 to Xn and incompatible with the A block,
- the C block is incompatible with the thermoplastic resin or resins X1 to Xn, the A block and the B block;

said composition comprising, by weight, at least 50% of the thermoplastic fluorinated resin(s), based on the total weight of fluorinated resin(s) and the block copolymer being at least one block copolymer with a number-average molecular mass (Mn) of greater than or equal to 20,000 g.mol⁻¹ composed of:

- 20 to 93 parts by weight of A sequences,
- 5 to 50 parts by weight of B sequences, and
- 2 to 50 parts by weight of C sequences; and

wherein said thermoplastic fluorinated resin(s) comprises poly(vinylidene difluoride) (PVDF) and said block copolymer is a poly(methyl methacrylate)-poly(butadiene)-poly(styrene) triblock copolymer.

20-22. (cancelled)

23. 24. (canceled)

25-46. (cancelled)

47. (previously presented) A composition ~~comprising~~ consisting essentially of:

- a styrene thermoplastic resin X1 or several compatible thermoplastic resins X1 to Xn, wherein at least one of X1 to Xn is a styrene thermoplastic resin, and
- at least one block (sequential) copolymer,
- n being an integer equal to or greater than 1,

wherein the block copolymer comprises at least three blocks A, B, and C, in which each block is either a homopolymer or a copolymer obtained from two or more monomers, the A block is connected to the B block and the B block is connected to the C block by means of a covalent bond or of an intermediate molecule connected to one of these blocks via a covalent bond and to another block via another covalent bond, and

- the A block is compatible with the thermoplastic resin or resins X1 to Xn,
- the B block is incompatible with the thermoplastic resin or resins X1 to Xn and incompatible with the A block,
- the C block is incompatible with the thermoplastic resin or resins X1 to Xn, the A block and the B block; and

wherein said composition comprising, by weight, at least 50% of the styrene thermoplastic resin(s). based on the total weight of styrene thermoplastic resin(s) and the block copolymer is at least one block copolymer with an Mn of between 50,000 and 200,000 g.mol⁻¹ composed of:

- 20 to 93 parts by weight of A sequences,
- 5 to 50 parts by weight of B sequences, and
- 2 to 50 parts by weight of C sequences.

48. (cancelled)

49. (previously presented) A composition according to claim 47, comprising, by weight, from 65 to 95% of said styrene thermoplastic resin(s), based on the total weight of styrene thermoplastic resin(s) and the block copolymer, and the remainder of the total weight of vinyl resin(s) and the block copolymer being at least one block copolymer composed of:

- 30 to 60 parts by weight of A sequences,
- 10 to 40 parts by weight of B sequences, and
- 5 to 40 parts by weight of C sequences.

50. (cancelled)

51. (cancelled)

REST AVAILABLE